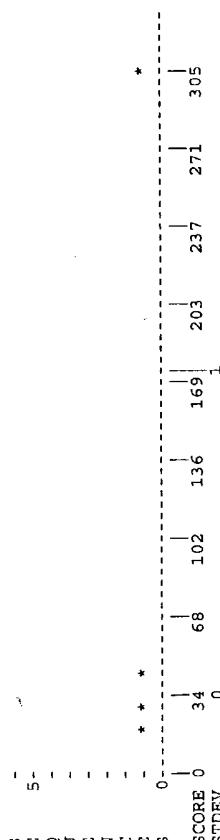


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 1040 1050 1060 1070 1080 1090 1100
 ATTCTTGTTGTTGAGAATTCCAGATGTTCAAAACAGGCCAACAGGAAGACTGAGTTGAGTTTCCTGG
 ATTCTTGTTGTTGAGAATTGTTCAAAACAGGCCAACAGGAAGACTGAGTTGAGTTTCCTGG
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 AAGGGGTTGTTGAGAATTGTTGAGATTTGCTTGTGGAGAACAACTGAGCTGAGTTTCCTGG
 AACAGGGTTGTTGAGAATTGTTGAGATTTGCTTGTGGAGAACAACTGAGCTGAGTTTCCTGG
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 1250 1260 1270 1280 1290 1300 1310
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 1320 1330 1340 1350 1360 1370 1380
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 1400 1410 1420 1430 1440 1450 1460
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 1470 1480 1490 1500 1510 1520 1530
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 1610 1620 1630 1640 1650 1660 1670
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 1680 1690 1700 1710 1720 1730 1740
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 GAGGCAATGTTAAAGGGTTGATGTTCAACTGTTGAGCTGTTGAGCTGTTGAGCTGTTGAGCTG
 1750 1760 1770 1780 1790 1800 1810
 1830 1840 1850 1860 1870 1880 1890

1540 1550 1560 1570 1580 1590 1600
 TTA GAAATACTAATACCTTTTACTCGGATCATTCTGTGCTTAATTAATTATCAGAAA
 ACTTCATAATTGACTACCAAAATTGATTTTGGTACTAAATCTTACCCATTAAAGAGC
 TTGAAATACTAATACCTTTACTCGGATCATTCTGTGCTTAATTAATTATCAGAAA
 1900 1910 1920 1930 1940 1950 1960
 1610 1620 1630 1640 1650 1660 1670
 ACTTCATAATTGACTACCAAAATTGATTTTGGTACTAAATCTTACCCATTAAAGAGC
1680 1690 1700 1710 1720 1730 1740 1750																																	
AACCTAACATGCTCTAACGGATTTTGTATTAAGTGTGTTAAATTGTATAATTCTG																																	
1760 1770 1780 1790 1800 1810 1820																																	
TCGATTAGTGTGATAATGTTAAGATAACCAATTGAAAGGAATTGCTGTGATCATATT																																	
1830 1840 1850 1860 1870 1880 1890																																	
TTCTAGCCTTCCTGTTAATANGCTTACTATCTGCTGGCTTATTACATACATACGTTATTAA																																	
1900 1910 1920 1930 1940 1950 1960																																	
AAATCTAACCTAAATTGAAATTACCGTGTGATAACATAGAACTATTACGATGTTGCTGGTC																																	
2260 2270 2280 2290 2300 2310 2320																																	
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1970 1980 1990 2000 2010 2020 2030																																	
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2330 2340 2350 2360 2370 2380 2390																																	
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2040 2050 2060 2070 2080 2090 2100 2110																																	
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2400 2410 2420 2430 2440 2450 2460 2470																																	
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2120 2130 2140 2150 2160 2170 2180 2190																																	
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2480 2490 2500 2510 2520 2530 2540																																	
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2260 2270 2280 2290 2300 2310 2320																																	
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2620 2630 2640 2650 2660 2670 2680																																	
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2690 2700 2710 2720 2730 2740 2750 2760																																	
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	PAM	K-tuple
Similarity matrix	150	
Threshold level of sim.	16%	Joining penalty
K mismatch penalty	1	Window size
Gap penalty	5.00	
Gap size penalty	0.05	
Match score	1	
Mismatch score	-1	
Gap open score	0	
Gap extend score	0	
Score threshold	0	

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Scores:	Mean	Median	Standard Deviation	Total Elapsed
Times:	101	33	136.13	00:00:00.00

Number of residues: 1078
 Number of sequences searched: 4
 Number of scores above cutoff: 4

1. US-10-063-724-108 (1-305)
 US-09-830-328C-2 Sequence 2, Application US/09830328C